



Model 007670, 007671
Recommended Installation, Maintenance
and Inspection Instructions

007670
007671

Sentry Tank Monitor

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION.

WARNING: CANCER AND REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV

WARNING Never use with gasoline or highly flammable liquids.
Do not install where unit will be exposed to weather.

INSTALLATION INSTRUCTIONS

High Tank Alarm

1. Thread sensor wires through the 1/2" to 1/8" (12.7 mm to 3.17 mm) NPT PVC adaptor.
2. Attach sensor to adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
3. Thread sensor wires through 1/2" x 6" (12.7 mm x 152.4 mm) NPT PVC pipe.
4. Apply Teflon® tape or appropriate thread sealant to male threads of pipe at both ends.
5. Attach pipe to adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
6. Remove housing cover.
7. Thread sensor wires through housing base.
8. Apply Teflon® tape or appropriate thread sealant to male threads of swivel nut.
9. Attach pipe to swivel nut adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
10. Secure sensor wires to sensor terminals.
11. Install 9-volt battery onto circuit board.
12. Replace housing cover.
13. Turn toggle switch to "ON." Then, raise float to confirm monitor goes into alarm.
14. Tighten swivel nut to tank fitting or adaptor – approximately 1 to 2 turns past hand tight – do not overtighten.

Low Tank Alarm

1. Discard factory-supplied pipe and replace with custom-length pipe (maximum length 10 ft. / 3 m). Custom pipe should be 1/2" NPT-threaded at both ends.
2. Thread sensor wires through the 1/2" to 1/8" (12.7 mm to 3.17 mm) NPT PVC adaptor.
3. Attach sensor to adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
4. Thread sensor wires through custom-length, 1/2" NPT pipe.
5. Apply Teflon® tape or appropriate thread sealant to male threads of pipe at both ends.
6. Attach pipe to adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
7. Remove housing cover.
8. Thread sensor wires through housing base.
9. Apply Teflon® tape or appropriate thread sealant to male threads of swivel nut.
10. Attach pipe to swivel nut adaptor – tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
11. Remove retaining clip from float.
12. Reverse the direction of the float.
13. Reinstall retaining clip.
14. Secure sensor wires to sensor terminals.
15. Install 9-volt battery onto circuit board.
16. Replace housing cover.
17. Turn toggle switch to "ON." Then, lower float to confirm monitor goes into alarm.
18. Tighten swivel nut to tank fitting or adaptor – approximately 1 to 2 turns past hand tight – do not overtighten.

**DO NOT OVERTIGHTEN. DO NOT USE HOUSING AS WRENCH.
TOGGLE SWITCH MUST BE ON FOR SENTRY TO OPERATE.**

TESTING / MAINTENANCE / INSPECTION



Daily

- Confirm Siren toggle switch is in the "ON" position.
- Confirm audible siren sounds.



Monthly

- Remove sensor from tank and manually raise / lower float to verify system goes into alarm mode.
- Confirm all wires are properly connected to control panel and accessories.



Biannually

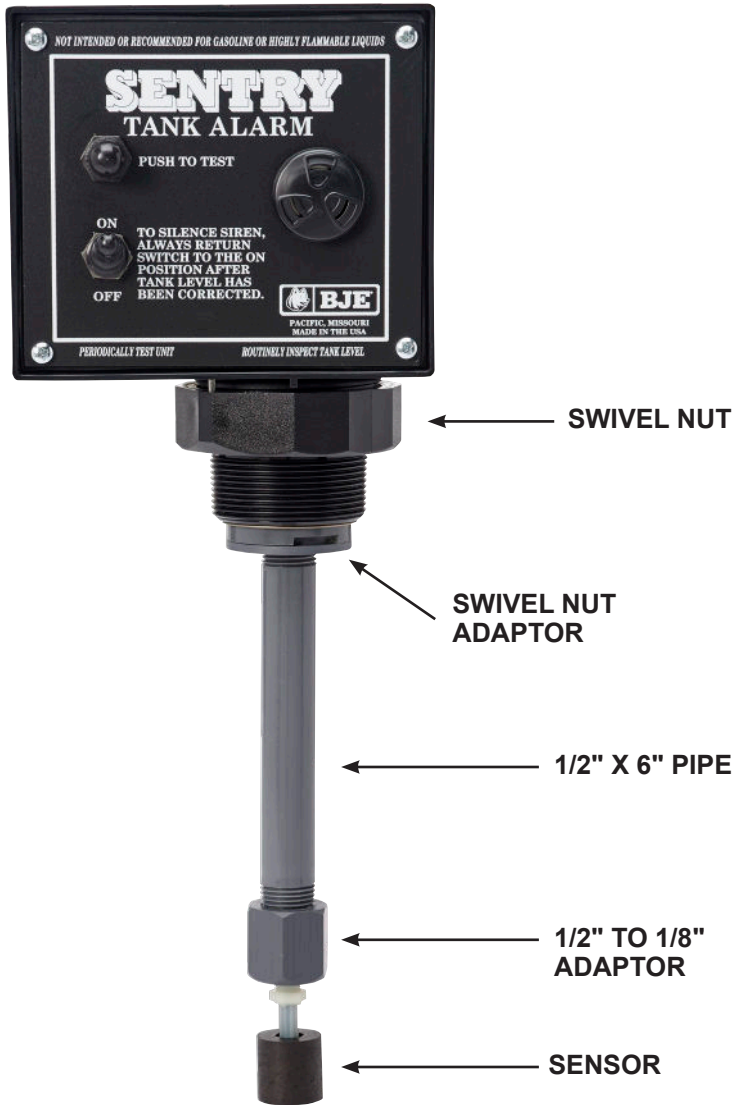
- Replace 9-volt battery.

Replace 9-volt battery if tank alarm occurs.

- Follow all city, state, or federal wiring code requirements as appropriate.
- Apply city, state, or federal testing regulations as appropriate.

**ANY TEST / INSPECTION FAILURE REQUIRES
IMMEDIATE EQUIPMENT REPLACEMENT OR
REMOVAL FROM SERVICE.**

MADE IN THE USA





ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.

Improper use may result in injury, damage, or hazardous spill.



GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:



- Always abide and adhere to city, state, and federal regulations regarding use and installation of monitoring equipment.



- Always follow the product manufacturer's installation and maintenance instructions.
- Always turn off all power to monitor during maintenance activities.



- Always replace or remove from service damaged equipment immediately.



- Always report leaks / spills / accidents to appropriate authorities.



- Always wear appropriate safety equipment during maintenance and inspection activities.
- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of tanks.
- Always use Teflon® tape or appropriate thread sealant.



- The tank contents are the sole responsibility of the tank owner.



- Never allow waste product to touch eyes or skin.



- Never install monitors outdoors without proper protection from the elements.



- Never use on below ground storage tanks.



- Never exceed the maximum milliamps specified in manufacturer's installation and maintenance instructions.

- Never solely rely on this product; there is no substitute for human supervision.

- Never to be used as a component of any automatically controlled pump transfer system.

12-VOLT TRANSFORMER

Use 18-gauge / 2 conductor wire up to 150 ft. (45.7 m) or
14 gauge / 2 conductor wire up to 350 ft. (106.6 m) to connect all components.

Model 007595

1. Select a non-switched 24-hour hot 115v outlet, preferably dedicated solely for use with the monitor.
2. Remove the housing cover.
3. Temporarily remove the 9-volt battery.
4. Drill wire hole in bottom of housing.
5. Thread transformer wire through hole and connect to printed circuit board terminals marked "OPTIONAL XFORMER". Observation of polarity is not necessary.
6. Seal hole in housing base with silicone or appropriate sealant.
7. Reinstall 9-volt battery.
8. Reinstall the housing cover.
9. Secure transformer to outlet using outlet plate screw.
10. Test control panel to confirm audible siren sounds.

NOTE: Connection of the transformer should always be the last connection to the control panel.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION.

WARRANTY

Husky Corporation will, at its option, repair, replace, or credit the purchase price of any BJE® product deemed to be defective in material and/or workmanship for a period of one (1) year.

Buyer must return the products to Husky®, transportation charges prepaid. The warranty excludes damages due to malfunction, failure to follow manufacturer's installation, operation or maintenance instructions and guidelines, unauthorized modifications or alterations, abuse, or misuse.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are not other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky is not responsible for any losses (including loss of profits or revenues) incurred by the purchaser during the time necessary to repair the equipment. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves without assuming any obligations to modify any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves previously manufactured.

GENERAL TECHNICAL DATA

Applications	Single or double walled above ground tanks.
Fluids	Test and warranty for oil, waste oil, diesel fuel, antifreeze, water and other non-volatile fluids
Milliamp Load	750 mA maxium / 1000 mA maximum of optional accessories
Pipe	½" x 6" NPT PVC
Sensor	Buna
Shipping Weight	3.4 lbs / 1.5 kg
Thread	2" / 50.8 mm NPT
Case Quantity	10